(c) NREB have bilateral arrangement with WREB to assist each other depending on system conditions through HVDC back link between Singrauli (Northern Region) and Vindyachal (Western Region). The link can transfer power to the extent of 500 MW in either direction.

(d) The current peak availability of Northern Region is 12793 MW against the peak demand of 15860 MW resulting in a shortage of 3067 MW (19.3 percent).

(e) To maximise the energy availability during summer, proper maintenance scheduling of generating units, transmision lines and equipments have been planned by NREB. Further, with the expected commissioning of the following units, the power availability is likely to increase during the ensuing summer months.

Chamera HPS	3 x 180 MW
Salal HPS (ST. II) Unit V	115 MW
NCR TPP. Unit IV	210 MW
Dadri GPP ST	2 x 146.5 MW
DESU W.H.R. Unit I	34 MW

(f) The transmission and distribution losses (including due to theft and pilferage) suffered by States in Northern Region during the year 1990-91, 1991-92 and 1992-93 were 22.89 per cent, 22.83 per cent and 20.8 per cent respectively. The power utilities have not been compiling separate data for losses due to theft and pilferage.

(g) Comprehensive guidelines have been issued by CEA to the Power Utilities for reducing Transmission and Distribution losses. These include, inter alia, measures for reducing power theft viz-a-viz installing tamper-proof meter boxes, intensifying surprise raids and launching prosecutions against the persons found indulging in theft of energy. The theft of energy has been made a cognizable offence from August, 1986 under the provisions of section 39 of Indian Electricity Act, 1910. An Incentive Scheme was also introduced by the Government of India among the State Electricity board Electricity Departments etc. from the year 1987 for bringing about reduction in the transmission and distribution losses.

Power generation during VIII Five Year Plan

2742. SHRI BHUPINDER SINGH MANN: Will the Minister of POWER be pleased to state:

(a) whether the country will be able to meet electricity-requirement/demand in the remaining years of the Eighth Five Year Plan;

(b) if so, the target set for power-generation and demand during the Eighth Five Year Plan and for 1994-95 togetherwith the power generation target achieved so far;

(c) if not the reasons therefor;

(d) what was the per capita availability of eletricity during the last year and share of foreign investment in it : and

(e) what is the percentage loss of electricity through various means like transmission and distribution losses, theft etc.?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) to (c) Based on the envisaged capacity addition programme in the 8th Plan of 30537.7 MW and the anticipated demand for electricity, the 14th Electric Power Survey conducted by Central Electricity Authority had estimated an energy shortage of 9 per cent and peaking shortage of 20.7 per cent in the terminal year of the 8th Five Year Plan. A target of 34,0300 million units of power generation has been fixed by the Government for the year 1994-95. There has been an energy shortage of 7.4 per cent and peaking shortage of 19.8 per cent during the period April' 1993 to January' 1994.

(d) The per capita consumption of electricity during 1992-93 was 281.48 kwh.

(e) The estimated transmission and distribution losses in the country are currently around 23 per cent.

Investment by CMS energy in power projects

2743. MISS SAROJ KHAPARDE: Will the Minister of POWER be pleased to state:

(a) whether CMS Energy, a large power and gas Utility Group in the US, propose to invest around US$ 300 million in power projects in India; and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) and (b) M/s. ST Power Systems, USA and M|s. CMS Generation, USA (a subsidiary of M|s. CMS Energy) have entered into a partnership agreement for setting up a 250 MW Lignite based Power Plant at Neyveli in Tamil Nadu in the Private Sector. A Company named ST-CMS Electric Co. has been formed for execution of the Project. The CMS Generation have indicated that they intend to have an equity participation to the extent of US Dollars 38.29 milion in the above project. The company has also tied up with the Government of West Bengal and the West Bengal Power Development Corporation Ltd. for execution of a 2x500 MW TPS in West Bengal known as the Sagardighi project. The exact quantum of investment has not been decided upon.

उत्तर प्रदेश में ग्रामीण विद्युतीकरण के लिए वित्तीय सहायता

2744. **श्री ईश दत्त यादव :** क्या विद्युत मंत्री यह बताने की कृपा करेंगे कि :

(क) उत्तर प्रदेश के प्रत्येक जिले में ग्रामीण विद्युतीकरण के लिये वर्ष 1990–91, 1991–92, 1992–93 तथा 1993–94 में उसे अब तक क्रमश: कितनी-कितनी वित्तीय सहायता उपलब्ध करायी गयी थी;

(ख) क्या सरकार ने राज्य के सभी गांवों में विद्युतीकरण हेतु कोई समयबद्ध योजना/कार्यक्रम तैयार किया है ;

(ग) यदि हां, तो इसका ब्यौरा क्या है ; और

(घ) यदि नहीं, तो इसके क्या कारण है ?

विद्युत मंत्रालय में राज्य मंत्री (श्री पी. वी. रंगैया नायडू) : (क) ग्रामीण विद्युतीकरण के लिए वित्तीय सहायता का आबंटन योजना आयोग द्वारा राज्य के लिए समग्र रूप से निर्धारित किया जाता है न कि जिलावार । उत्तर प्रदेश राज्य बिजली बोर्ड द्वारा उपलब्ध करायी गई जानकारी के आधार पर, 1990–91 से 1993–94 (फरवरी. 1994 तक) के दौरान उत्तर प्रदेश में ग्रामीण विद्युती-